

Patent claims

1. A clutch device for the couplable connection of
two rotatably mounted machine parts, especially a first
5 shaft (2) and a second shaft (13), characterized in
that the shaft (13) has a clutch ring (1), which on the
inside has sprags (3), acting against each other in
pairs respectively, which are installed on the shaft
(2) in an encircling manner.

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2. The clutch device as claimed in claim 1,
characterized in that the sprags (3) are accommodated
in recesses (5) of a cage (4).

15 3. The clutch device as claimed in claim 1 or 2,
characterized in that the sprags (3) are accommodated
in a spring ring (6).

20 4. The clutch device as claimed in claim 3,
characterized in that the spring ring (6) is formed as
a helical spring ring.

25 5. The clutch device as claimed in one of the
preceding claims, characterized in that an axially
movable sliding sleeve (15), for the axial displacement
of the sprags (3), is provided on one shaft (2,13).

30 6. The clutch device as claimed in one of the
preceding claims, characterized in that an axially
movable sliding sleeve (16), with sprags (3) attached
on the outer- and inner side, is provided on one shaft
(2,13).

35 7. The clutch device as claimed in one of the
preceding claims, characterized in that an axially
movable sliding sleeve (18) is provided, which has a
double cone (19,19') on the outer side, and an inner
cone on the inner side.